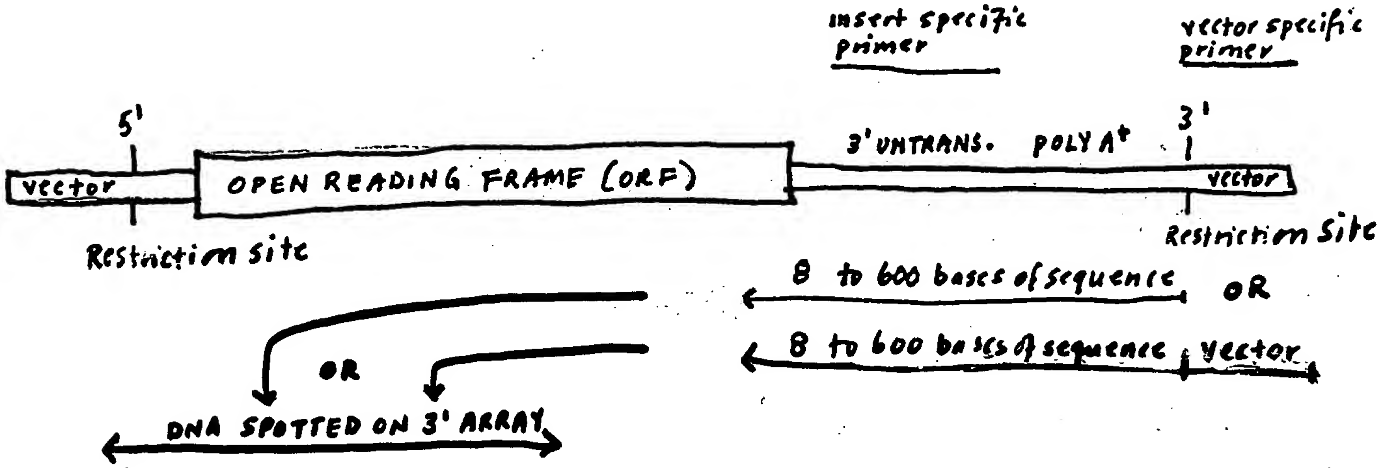


Randomly Select Clones from library containing about 20 % unknown clones

↓

Isolate Plasmid DNA

↓

Restriction map

↓

Sequence 8 to 600 bases from 3' end

↓

BLAST search public database

↓

PCR amplify with an insert- and a vector specific primer to make a 3' PCR product

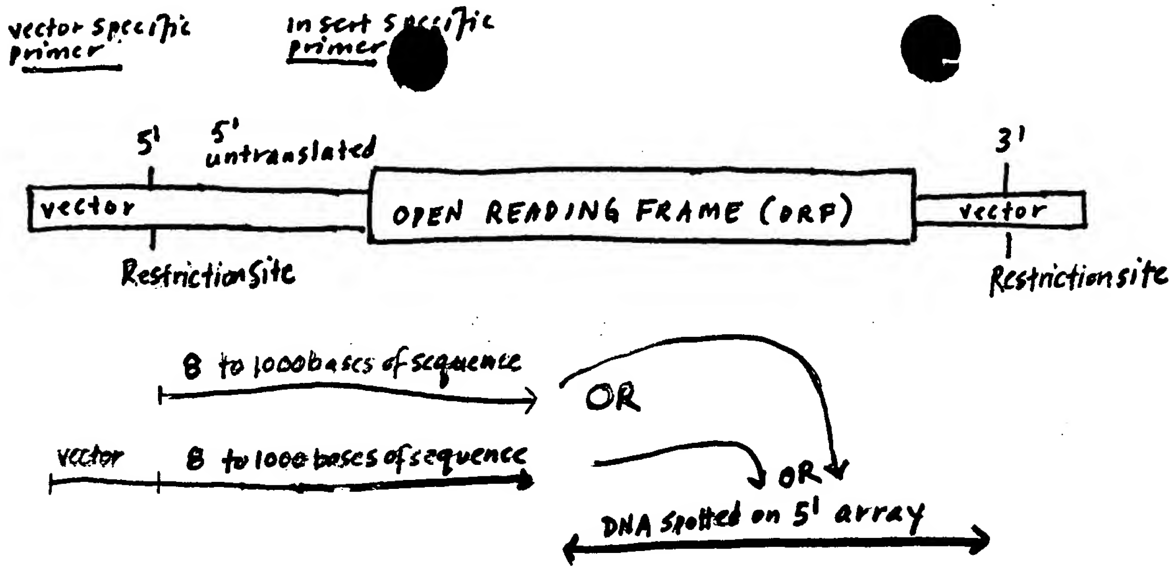
↓

↓

↓

Spot PCR products to produce an array comprising noncoding Sequences present at the 3' end of an RNA transcript

FIGURE 1A



Randomly Select Clones from library containing about 20% unknown clones clones

↓

Isolate Plasmid DNA

↓

Restriction map

↓

Sequence 8 to 1000 bases from 5' end

↓

BLAST search public database

↓

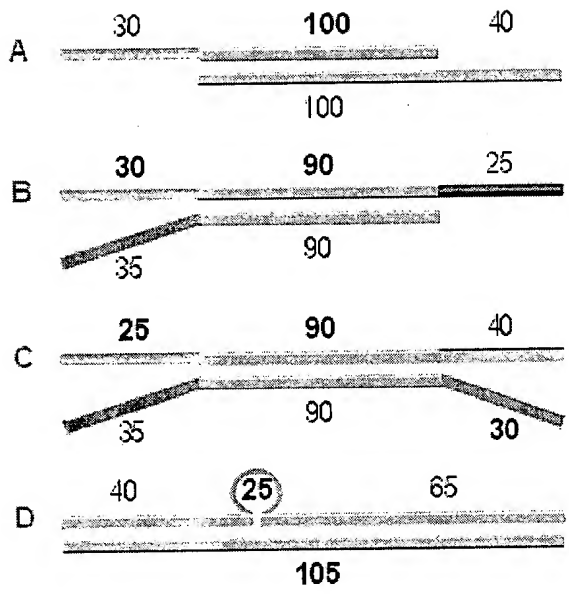
PCR amplify with an insert - and a vector specific primer to make a 5' PCR product

↓

↓

Spot PCR products to produce an array comprising noncoding Sequences present at the 5' end of an RNA transcript

FIGURE 1B



	Aligned bases	**Alignable bases**	% Aligned/Alignable
A	100	**100**	100%
B	90	**120 (30 + 90)**	75%
C	90	**145 (25 + 90 + 30)**	62%
D	105	130 **(105 + 25)**	81%

FIGURE 2.